## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("6059955").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/10 15:45
S2	6	(("0978555") or ("0696636") or ("0992570")). PN. or ((97/16511) or (00/71646)).OQLS	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/09 09:55
S3	0	(("EP978555") or ("EP696636") or ("EP992570")). PN. or ((WO97/16511) or (WO00/71646)).OQLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/09 09:56
S4	0	WO9716511.pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/09 09:57
S5	O	(WC97/16511).CQLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/09 09:57
S6	0	("WO9716511").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/09 09:57
S7	1	("9716511").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/09 10:05
S8	0	("WO71646").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/09 10:05
S9	0	WC0071646,pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/09 10:05
S10	2	-0071646*.pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/09 10:06
S11	0	("EP978555").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/09 10:06
S12	0	EP0978555.pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/09 10:06
S13	2	"0978555".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/09 10:08

S14	1	"696636".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/09 10:19
S15	2	0992570°.pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/09 10:19
S16	137	(lubricant or lubricate or lubricating) and mineral oil with (centistoke) and (phosphorus or phosphate or phosphoric acid or alkyldithiophosphate or monophosphate) and viscosity	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/05/12 08:38
S17	82	(lubricant or lubricate or lubricating) and mineral oil with (centistoke) and (phosphorus or phosphate or phosphoric acid or alkyldithiophosphate or monophosphate) and viscosity index and viscosity	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/05/10 16:55
S18	1	"6962895"	US-PGPUB; USPAT; USOOR	ADJ	ON	2006/05/10 15:51
S19	47	(transmission or hydraulic) and (lubricant or lubricate or lubricating) and mineral oil with (centistoke) and (phosphorus or phosphate or phosphoric acid or alkyldithiophosphate or monophosphate) and viscosity and (sulfur or sulphour)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/05/10 16:56
S20	32	(lubricate or lubricant or lubricating) and mineral oil with Qp and (phosphorus or phosphate or phosphoric acid or zinc alkyldithiophosphate or monophosphate) and viscosity and sulfur	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/05/11 11:26
S21	0	(lubricate or lubricant or lubricating) and mineral oil with Cp and (phosphorus or phosphate or phosphoric acid or zinc alkyldithiophosphate or monophosphate) and viscosity and sulfur	EPO; JPO; DERWENT	ADJ	ON	2006/05/11 11:27
S22	144	mineral oil near5 astm	US-PGPUB; USPAT; USOOR	ADJ	ON	2006/05/11 11:29
S23	20	mineral oil near5 astm and transmission fluid	US-PGPUB; USPAT; USOOR	ADJ	ON	2006/05/11 11:30
S27	5	mineral oil with "astm d 3238"	US-PGPUB; USPAT; USOOR	ADJ	ON	2006/05/11 11:31
S28	3	508/110.cds. and (lubricant or lubricate or lubricating) and mineral oil with (centistoke) and (phosphorus or phosphate or phosphoric acid or alkyldithiophosphate or monophosphate) and viscosity	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/05/12 08:39
S29	41	508/110.ccls. and (lubricant or lubricate or lubricating) and mineral oil and (phosphorus or phosphate or phosphoric acid or alkyldithiophosphate or monophosphate) and viscosity	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/05/12 08:39
S30	19	508/110.ccls. and mineral and kinematic viscosity and phosphorus and viscosity index improver and sulfur	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/02/21 15:17
S31	629	mineral same oil and kinematic viscosity and phosphorus and viscosity index improver and sulfur	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/02/21 15:15
S32	155	mineral same oil and kinematic viscosity and phosphorus and viscosity index improver and sulfur and cp	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/02/21 15:15

S33	361	mineral same oil and kinematic viscosity and phosphorus same (amount or weight or mass or wt) and viscosity index improver and sulfur same (amount or weight or mass or wt)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/02/21 15:16
S34	203	mineral same oil and kinematic viscosity and phosphorus same (amount or weight or mass or wt) and viscosity index improver and sulfur same (amount or weight or mass or wt) and transmission	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/02/21 15:16
S35	202	mineral same oil and kinematic viscosity and phosphorus same (amount or weight or mass or wt) and viscosity index improver and sulfur same (amount or weight or mass or wt) and transmission and (lubricate or lubricant or lubricating)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/02/21 15:17
S36	0	"508"/\$.ccls. and mineral and kinematic oil and phosphorus and sulfur and viscosity index improver same polymethacrylate	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/10 10:33
S37	0	"508"/\$.ccls. and mineral and kinematic oil and phosphorus same (ppm or wt or weight) and sulfur same (ppm or wt or weight) and viscosity index improve	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/10 10:33
S38	0	"508"/\$.ccls. and mineral and kinematic oil and phosphorus same (ppm or wt or weight) and sulfur same (ppm or wt or weight) and viscosity index improver	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/10 10:32
S39	O	(lubricate or lubricant or lubricating) and mineral and kinematic oil and phosphorus same (ppm or wt or weight) and sulfur same (ppm or wt or weight) and viscosity index improver	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/10 10:33
S40	204	"508"/\$.ccls. and mineral and kinematic viscosity and phosphorus and sulfur and viscosity index improver same polymethacrylate	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/10 10:33
S41	208	"508"/\$.ccls. and mineral and kinematic viscosity and phosphorus same (ppm or wt or weight) and sulfur same (ppm or wt or weight) and viscosity index improver and polymethacrylate	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/10 12:01
S42	117	"508"/\$.ccls. and mineral and kinematic viscosity and phosphorus same (ppm or wt or weight) and sulfur same (ppm or wt or weight) and viscosity index improver same polymethacrylate	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/10 10:34
S43	55	"508"/\$.cols. and mineral and kinematic viscosity and phosphorus same (ppm or wt or weight) and sulfur same (ppm or wt or weight) and viscosity index improver same polymethacrylate same molecular weight	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/10 10:40
S44	21	"508"/\$.cols. and mineral same kinematic viscosity and phosphorus same (ppm or wt or weight) and sulfur same (ppm or wt or weight) and sulfur same (ppm or wt or weight) and viscosity index improver same polymethacrylate same molecular weight	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/10 10:41
S45	208	"508"/\$ ccls. and mineral and kinematic viscosity and phosphorus same (ppm or wt or weight) and sulfur same (ppm or wt or weight) and viscosity index improver and polymethacrylate	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/10 12:01
S47	21	"508"/\$.ccls. and mineral same kinematic viscosity and phosphorus same (ppm or wt or weight) and sulfur same (ppm or wt or weight) and sulfur same (ppm or wt or weight) and viscosity index improver same polymethacrylate same molecular weight	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/10 12:02

S48	187	S45 not S47	US-PGPUB; USPAT; USOOR	ADJ	ON	2007/09/10 12:02
S49	1	("6583092"). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/04/01 14:45
S50	54	sulfonate detergent near5 alkaline and "508"/\$. cols.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/10/16 11:00
351	217	(molybdenum dithiocarbamate) near5 dithiocarbamate near2 compound	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/09 11:23
352	29	(molybdenum dithiocarbamate) near5 dithiocarbamate compound	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/09 11:24
S53	95	508/110,152,322,325,329,564,567.cols. and kinematic viscosity and (thiazole or thiadiazole or dithiocarbamate or dihydrocarbylpolysulfide) and (phosphorus or phosphite)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/09 11:40
354	70	508/110,152,322,325,329,564,567.cols. and kinematic viscosity and (thiazole or thiadiazole or dithiocarbamate or dihydrocarbylpolysulfide) and (phosphite)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/09 11:40
355	1	("20030000866"). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/11/09 15:25
356	1	("6583092"). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/11/09 16:00
557	1	("4169799"). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/11/09 16:01
358	1	("20030000866"). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/06/08 15:33
359	0	S68 and ester near5 sulfur	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/06/08 15:33
360	1	S58 and ester near5 sulfur\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2010/06/08 15:34
361	1738	dithiocarbamate near5 (thiazole or thiadiazole or (ester near3 sulfur\$4))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/08 15:35
362	111	dithiocarbamate near5 (thiazole or thiadiazole or (ester near3 sulfur\$4)) and "508"/\$.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/08 15:35

<sup>12/28/2010 3:15:52</sup> PM

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